

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 2527 | filter with least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/24 15:40 |
| S2 | 1944 | S1 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/24 15:40 |
| S3 | 0 | S2 and ((least square function) with (correct\$3 near2 filter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/24 15:42 |
| S4 | 15 | S2 and ((least square) with (correct\$3 near2 filter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/24 15:42 |
| S5 | 1 | 10/627962 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:55 |
| S6 | 0 | S5 and (computer near2 readable near2 medium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:56 |
| S7 | 0 | S5 and (computer near2 readable) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:56 |
| S8 | 0 | S5 and medium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:56 |

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| S9 | 0 | S5 and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:56 |
| S10 | 0 | S5 and memory | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:56 |
| S11 | 0 | S5 and stor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:57 |
| S12 | 0 | S5 and stor\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:57 |
| S13 | 0 | S5 and (rom or ram or buffer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:57 |
| S14 | 45 | (correct\$3 near2 filter) with (least near2 square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:24 |
| S15 | 33 | S14 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:24 |
| S16 | 0 | "7095798".pn. and (least square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:28 |
| S17 | 18 | S15 and (least square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:28 |

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| S18 | 4 | "7305057".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:35 |
| S19 | 3 | ("5272656" "6128276" "6175550").PN. OR ("7305057"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/25 14:35 |
| S20 | 1 | S19 and (least square) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/25 14:35 |
| S21 | 13 | (ls fit\$4) with filter | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/25 14:38 |
| S22 | 13 | ("ls" fit\$4) with filter | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/25 14:39 |
| S23 | 195 | (least square fit\$4) with filter | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/25 14:39 |
| S24 | 158 | S23 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:39 |
| S25 | 2076 | correct\$3 with (least square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:49 |
| S26 | 1500 | S25 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:49 |
| S27 | 702 | S26 and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:49 |
| S28 | 68 | S27 and (correct\$3 with (least square) with filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:51 |
| S29 | 19 | ((correct\$3 near2 filter) with (least square) with filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:59 |

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| S30 | 19 | ((correct\$3 near2 filter) with (least square)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:59 |
| S31 | 166 | ((filter) with (least square) with minimiz\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 15:02 |
| S32 | 134 | S31 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 15:03 |
| S33 | 0 | 11/158494 and (computer near2 program near2 product) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:04 |
| S34 | 0 | 11/158494 and (computer near2 readable near2 medium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:05 |
| S35 | 0 | 11/158494 and computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:06 |
| S36 | 2 | (least square) with (multi adj1 carrier) with minimiz\$3 with (residual signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:23 |
| S37 | 6 | (least square) with (multi adj1 carrier) with minimiz\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:23 |
| S38 | 482 | (least square) with fit with minimiz\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:31 |

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| S39 | 13 | S38 and (multicarrier or multi-carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 07:31 |
| S40 | 1 | 10/627962 and matrix | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 09:18 |
| S41 | 50 | least square with clip\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 09:28 |
| S42 | 40 | S41 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 09:28 |
| S43 | 23 | least square with (residual signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 09:43 |
| S44 | 20 | ("20010000190" "4776014" "4980916" "5305332" "5359696" "5361323" "5450449" "5634085" "5651091" "5692101" "5708757" "5826224" "5884010" "6014618" "6067511" "6119082" "6243673" "6393390" "6510407" "6865530").PN. OR ("7269559").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:51 |
| S45 | 1 | S44 and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:51 |
| S46 | 60 | least square with (mutlicarrier or multi-carrier or ofdm or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:57 |
| S47 | 5 | S46 with minimiz\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:57 |
| S48 | 304 | appl\$4 with least square with signal | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:58 |
| S49 | 14 | S48 and (multicarrier ot multi- carrier or ofdm or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 09:58 |
| S50 | 2 | ("20050164733" "7058380"). PN. OR ("7313373").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:08 |

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| S51 | 0 | S50 and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:08 |
| S52 | 0 | creast factor reduction same least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:10 |
| S53 | 0 | creast factor reduction and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:10 |
| S54 | 573 | par and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:10 |
| S55 | 24 | S54 and (mutlicarrier or multi- carrier or ofdm or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:10 |
| S56 | 3 | ("5404378" "5952895" "6507731").PN. OR ("7319362"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:15 |
| S57 | 0 | S56 and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:15 |
| S58 | 47 | appl\$4 with least square with error with minimiz\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:24 |
| S59 | 34 | S58 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:25 |
| S60 | 0 | S59 and (mutlicarrier or multi- carrier or ofdm or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 10:25 |
| S61 | 6 | least square with minimiz\$3 with (multicarrier or multi-carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:31 |
| S62 | 6 | S61 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:31 |
| S63 | 1793 | least square with minimiz\$3 with error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:31 |
| S64 | 1236 | S63 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:31 |

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| S65 | 146 | S64 and (ofmd or dmt or ?dsl or modem) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 10:32 |
| S66 | 1 | "7313373".pn. and least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 11:05 |
| S67 | 2 | ("20050164733" "7058380"). PN. OR ("7313373").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 11:08 |
| S68 | 1 | (least square\$1) with project with clip\$4 with (sub adj1 band \$1) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 11:10 |
| S69 | 14 | ("4780721" "5483676" "5828658" "5930288" "5982327" "6041227" "6118983" "6426960" "6434366" "6615024" "6665545" "6711412" "6747594").PN. OR ("7155231"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 11:13 |
| S70 | 2 | S69 and least square | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 11:13 |
| S71 | 1 | "6785328".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 11:42 |
| S72 | 1 | "7058380".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:08 |
| S73 | 3 | 2005/0164733 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:09 |
| S74 | 202 | (peak near2 (mean or average) near2 ratio) with clip\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:12 |
| S75 | 883 | (peak near2 (mean or average) near2 ratio) and clip\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:12 |
| S76 | 592 | S75 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 12:12 |
| S77 | 47 | S76 and least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/26 12:13 |
| S78 | 16 | S77 and (multicarrier ot multi- carrier or ofdm or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:13 |
| S79 | 2 | S77 and (multicarrier ot multi- carrier or "7054385.pn.ofdm" or dmt) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:22 |

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| S80 | 1 | "7054385".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:22 |
| S81 | 28 | ("4410955" "5287387" "5300894" "5302914" "5349300" "5381449" "5384547" "5493587" "5621762" "5696794" "5705959" "5727026" "5805640" "5835536" "5835816" "5838724" "5930299" "6078628" "6097252" "6104761" "6125103" "6128350" "6128351" "6147984" "6175551" "6445747" "6614323" "6687238").PN. OR ("7054385").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:24 |
| S82 | 29 | ("4291277" "5045799" "5272724" "5287387" "5300894" "5302914" "5381449" "5490172" "5570350" "5625871" "5694396" "5696794" "5745846" "5783969" "5805640" "5835536" "5838732" "6125103" "6175550").PN. OR ("6445747"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 12:25 |
| S83 | 18 | ofdm and (filter with shap\$3 with clip\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/26 13:14 |
| S84 | 2704 | filter with least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 12:08 |
| S85 | 1983 | S84 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 12:08 |
| S86 | 15 | S85 and ((least square) with (correct\$3 near2 filter)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 12:08 |
| S87 | 315 | gsm same (multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:26 |

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| S88 | 80 | predistortion same (multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:29 |
| S89 | 8 | S88 and clip\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:30 |
| S90 | 6 | 10/137556 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:32 |
| S91 | 0 | ("2008/0265996").URPN. | USPAT | ADJ | ON | 2009/02/12 15:34 |
| S92 | 62 | predistortion same (ofdm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:39 |
| S93 | 10 | S92 and clip\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/12 15:39 |
| S94 | 1 | 10/627962 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 06:58 |
| S95 | 2 | (least square with clipper) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:18 |
| S96 | 39 | (least square with (slicer or quantizer)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:19 |
| S97 | 7 | (least square with ((error or compensat\$3) near2 signal)) and (par or (power near2 (average or mean) near2 ratio)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:31 |

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| S98 | 0 | (least nea2 square) with frequency with (constrain or requirement) with error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:43 |
| S99 | 0 | (least nea2 square) with frequency with error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:43 |
| S100 | 0 | (least nea2 square) with impulse with vector with error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:44 |
| S101 | 0 | (least nea2 square) with impulse with error | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:44 |
| S102 | 0 | (least nea2 square) with impulse with clip\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:45 |
| S103 | 0 | (least nea2 square) with impulse with slic\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 07:45 |
| S104 | 510 | frequency with filter with least with square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 09:21 |
| S105 | 19 | S104 and (multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 09:21 |
| S106 | 12 | S105 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 09:21 |

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| S107 | 7 | least square with multi adj carrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 09:29 |
| S109 | 16 | ((least near2 square) with (weight or gain or coefficient or constant)) same (multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 10:12 |
| S110 | 6 | (least near2 square) with distribut \$3 with ((multi adj carrier) or (sub adj carrier) or carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:14 |
| S111 | 41 | (least near2 square) with distribut \$3 with ((multi adj carrier) or (sub adj carrier) or frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:15 |
| S112 | 3 | (least near2 square) with decompos\$3 with ((multi adj carrier) or (sub adj carrier) or frequency) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:23 |
| S113 | 1 | (least near2 square) with decompos\$3 with carrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:25 |
| S114 | 3 | (least near2 square) with decompos\$3 with frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:28 |
| S115 | 0 | (least near2 square) with break \$3 near2 up with frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:32 |
| S116 | 0 | (least near2 square) with separat \$3 with into with frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:33 |

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| S117 | 35 | (least near2 square) with separat \$3 with frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:33 |
| S118 | 1906 | (least near2 square) with weight | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:52 |
| S119 | 1559 | S118 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:52 |
| S120 | 34280 | S119 and dmt or ofdm or multi adj carrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:52 |
| S121 | 51 | S119 and (dmt or ofdm or multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 11:52 |
| S122 | 377 | updat\$3 with (gain or weight or coefficient) with least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:41 |
| S123 | 0 | S97 and multicarrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:41 |
| S124 | 6 | S122 and multicarrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:41 |
| S125 | 4 | S122 with (decompos\$3 or split \$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:45 |

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| S126 | 48 | (decompos\$3 or separat\$3 or split\$4) with (gain or weight or coefficient) with least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:56 |
| S127 | 4 | S126 and "375".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 12:57 |
| S128 | 489 | (advantage or benefit) with least square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/13 13:37 |
| S129 | 0 | into with (sub adj carrier) with (decompos\$3 or split\$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:33 |
| S130 | 0 | into with (carrier) with (decompos\$3 or split\$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:33 |
| S131 | 0 | into with (tone) with (decompos\$3 or split\$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:33 |
| S132 | 0 | into with (bin) with (decompos\$3 or split\$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:33 |
| S133 | 55 | (least square) with (frequency) with (decompos\$3 or split\$4 or separat\$3 or break\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:34 |
| S134 | 40 | S133 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 09:34 |

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| S135 | 21 | (least square) with (frequency) with decompos\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 14:20 |
| S136 | 14 | S135 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 14:20 |
| S137 | 8 | (least square) with (bin or channel or carrier or tone) with decompos\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 14:51 |
| S138 | 0 | "7095798".pn. and square | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 15:22 |
| S139 | 1 | "7095798".pn. and least | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 15:22 |
| S140 | 0 | (least square) with composite signal with decompos\$5 with (bin or channel or carrier or tone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 15:24 |
| S141 | 381 | (least square) near5 decompos \$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 15:25 |
| S142 | 258 | S141 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 15:25 |
| S143 | 0 | S142 and decompos%4 near3 component | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 16:03 |

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| S144 | 0 | S142 and (decompos%4 near3 component) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 16:03 |
| S145 | 0 | S142 and (decompos%4 near5 component) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 16:03 |
| S146 | 57 | S142 and (decompos\$5 near5 component) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/16 16:03 |
| S147 | 1 | "20030043925".pn. and (ls or least square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 07:11 |
| S148 | 64 | ((least near2 square) or ls) with gain same ((multi adj carrier) or ofdm or ?dsl) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 07:24 |
| S149 | 34 | S148 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 07:25 |
| S152 | 34 | least near3 square near3 clipp\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 07:35 |
| S153 | 30 | S152 and (@pd<="20030528" OR @ad<="20030528" OR @rlad<="20030528" OR @prad<="20030528") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 07:36 |
| S154 | 3 | (wiener near2 filter) with (multi adj carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 08:36 |

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| S155 | 1 | (wiener near2 filter) with (decompos\$5) with (bin or tone or channel or carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 08:37 |
| S156 | 2 | (wiener near2 filter) with (distribut\$3) with (bin or tone or channel or carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 08:38 |
| S157 | 2 | "20020152253".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 08:40 |
| S158 | 4 | (weiner near2 filter) with (benefit or advantage) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 08:40 |

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